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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No. GB919990129US1 Total Pages 30 First Named Inventor or Application Identifier Henry Esmond Butterworth Express Mail Label No. ET580099243US
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APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form**
(Submit an original, and a duplicate for fee processing)
 - Specification** **(Total Pages) 28**
(Preferred arrangement set forth below)

- *Descriptive title of the Invention*
 - *Cross References to Related Application*
 - *Statement Regarding Fed sponsored R & D*
 - *Reference to Microfiche Appendix*
 - *Background of the Invention*
 - *Brief Summary of the Invention*
 - *Brief Description of the Drawings (if filed)*
 - *Detailed Description*
 - *Claim(s)*

3. Drawing(s) (35 USC 113) (Total Pages) 2

- 4. Oath or Declaration** **(Total Pages)** _____

- a. Newly executed (original or copy)

- b. Copy from a prior application (37 CFR 1.63(d))
(for continuation /divisional with Box 17 completed)

- [Note Box 5 below]**

5. *Incorporation by Reference (useable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

- Assistant Commissioner for Patents**

6. *Microfiche Computer Program (Appendix)*

7. *Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)*

a. *Computer Readable Copy*

b. *Paper Copy (identical to computer copy)*

c. *Statement verifying identity of above copies*

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & document(s))

9. 37 CFR 3.73(b) Statement
(when there is an assignee) Power of Attorney

10. English Translation Document (if applicable)

11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

12. Preliminary Amendment

13. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

14. Small Entity Statement filed in prior application,
Statement(s) Status still proper and desired

15. Certified Copy of Priority Document(s)
if foreign priority is claimed

16. Other: Express Mail Certificate

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior application No.:

18. CORRESPONDENCE ADDRESS

- Customer Number or Bar Code Label _____
 Or Correspondence address below

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Assignee Name: INTERNATIONAL BUSINESS MACHINES CORPORATION

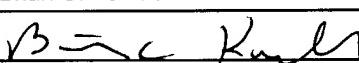
Assignee Residence: Armonk, New York

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FEE TRANSMITTAL		Complete If Known	
		Application Number	Not yet assigned
		Filing Date	February 22, 2002
		First Named Inventor	Henry Esmond Butterworth
		Group Art Unit	
		Examiner Name	
TOTAL AMOUNT OF PAYMENT	\$ 900	Attorney Docket Number	GB919990129US1

METHOD OF PAYMENT (check one)		FEES CALCULATION (continued)																																																																																																																																																																																					
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to.		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2520</td><td>147</td><td>2520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1510</td><td>138</td><td>1510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - 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Typed or Printed Name	Brian C. Kunzler			Reg. Number	38,527																																																																																																																																																																																		
Signature				Date	Feb 22, 2002																																																																																																																																																																																		

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PATENT APPLICATION
Docket No.: GB919990129US1

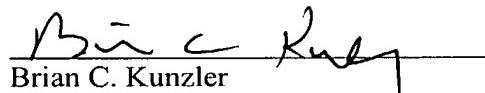
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Date of Deposit: February 22, 2002

I hereby certify that this patent application in the name of Henry E. Butterworth, Robert B. Nicholson, William J. Scales, and Douglas Turner for LOG-STRUCTURED ARRAY, together with the drawings, and Certified Copy of Priority Documents, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Respectfully submitted,



Brian C. Kunzler
Reg. No. 38,527
Attorney for Applicant

Date: February 22, 2002

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